Title: Osteogenic Devices Inventors: Oppermann et al. Serial No.: Not yet assigned Atty. Docket No.: STK-010C3 Atty.: Diana M. Steel Express Mail Mailing Label No.: EV 093438159US SHEET 1 OF 30

70 GTTTGACTCC	145 TGTCTCCAGG	220 CACAGGGCAG 295 GTAGAAATT 370 CCTCTGAGCC	445 TGGCCAGGGGG Bali Bgli 520 CTTAGGAATGT	595 ACTTCCTGAC 670 TTTGAGAAGG	GAAACGCCAC 820 CCTGTCAGCA
20 30 40 50 50 60 70 CTCTTCGATTTTAGCAAGGTTTGACTCC	135 CAGAGGCTGAC	210 GGATGAGCCTT 285 CGCTTCAACCA 360 CTCAACAGTGT	395 405 415 425 435 445 CCACCCCACCATCTTCAGTGCTTCCTCTCAAGGCCACAGCTGTTGGCCAGGGGG Pvuli Bali Bgli 470 480 490 500 510 520 GCTCCTGGGCAGTAGGAATGNATGTCTTCTTAGGAATGT	585 CTTCCTGAACC 660 TACAAAGCCTC	GGCTTGAGCAGCACAACAAGATTGCAGGGAGGGGGCATTGCAGGTGGAGGAAACGGCAC BSPMI- 770 780 790 800 810 820 GTGGGAGTGAGTTTGGTCAATCAGTTGTCAGAGCACCGGGCCCTGTCAGCA ApaI Ecoo
50 SAAGATCTAAG	Bylli 125 FAGACTCCACT	200 275 275 AAGTCAAATGC 350 GATCCAGGAGC' SacI	425 CTCAAGGCCACA PV 500 ATGTCTCCCAT	575 GTCACTTGCC 650 ATAGTGACTT	GGAGGGGCAT 800 AGTTGTCAGA
40 CCAGGAGTCCC	115 ACTCACGAGTI	190 265 265 ATCAGAAACCC 340 IAGGGTTGGTJ	415 rgctgcttcch 490 saagagaatgh	565 STTTGTGTTGG 640 FTGGGGATCTA	caacaaagattgcag 780 790 ggtgtttggtcaatc Fig. 1A-1
30 TTTTAGCAAA	105 GACCTGGTCTTG I T+b)))	180 TGGGCTCAAG 255 GGCTGTAGAC 330	405 CCATCTTCAG	555 ATGTCTTTTA(630 GAGCTTAGCT	cagacacaaca 780 gagcttggtg
20 SCTCTCTTCGA	SI 95 AGTCCCCAAGA PflMI TH	AAGGGCGACAC 245 245 3GTTGAGGTTT 320 3AGCTAAGGTT	395 3CCCCACCCCA 470 TTGCTCCTGG	545 CAGAAGTCTCT 620 IGTGCACTGAT APali	eys caaggettgag 770 tgegtgggagt
10 GGAGGTATAGGAGÇT	Sacian Pfinian Sacian S	GTCTACACCTCTAAGGGCGACACTGGGCTCAAGCAGCTGTTTTCTATATGGGATGAGCCTTCACAGGGCAG GTCTACACCTCTAAGGGCGACACTCGGGCTCAAGCAGCCGTTTTCTATATGGGATGAGCCTTCACAGGGCAG CCAGTTGGGATGGGTTTGGCTGTAGACATCAGAAACCCAAGTCAAATGCGCTTCAACCAGTAGAAATT 310 320 330 340 350 360 370 CACCAGCCCGCAGAGGTTGGGTGGACATTAGGGTTGGTTG	385 395 405 415 425 435 445 CCAGCTCCTTCTGCCCCCCCCCCCCCCCCCCGGGGGGGGG	GGGAACTTTTCCAGAAGTCTCTTTTAGTTTGTGTTGGGTCACTTGCCTTCCTGAACCACTTCCTGAC 610 620 630 640 650 660 670 TCCTGGACAGGATGTGCACTTAGCTTTGGGGATCTAATAGTGACTTTACAAAGCCTCTTTGAGAAGG	TGACATTGGAACCAAGGACACAACAAGATTGCAGGGGGGCATTGCAGGTGGAAGGAA

Title: Osteogenic Devices Inventors: Oppermann et al. Serial No.: Not yet assigned Atty. Docket No.: STK-010C3 Atty.: Diana M. Steel Express Mail Mailing Label No.: EV 093438159US SHEET 2 OF 30

895	AGGTCATGA	970	AAGACAGAC	1045	TTCTGGAAA		1120	TTTTGACTC	1195	CTCTTGCCC		1270	AGGCCCCT	Narl Ps	1345	TAAACAACA	DraI	1420	AGAGAGGAA	1495	GACCCTCGA		1570	CCTAAGATG	1645	TGCAGAGAA	1720	GCTGGCAGG	BSPMI	1795	CTGTGCTCA			
882	GAGGAAAGAC	096	SAGAGAGAGAC	1035	ATTTACGTAG	SnaBI	1110	GGTCATCAGG	1185	GICCCGCAIC		1260	CTCTTTGAGC	H	1335	ATGTAGCATT	Dr	1410	AGACTACATG	1485	AGGCAGGTTA	BspMI-	1560	CACATCACTG	1635	TCCTTGTCAA	1710	CGAGACCTGG		1785	GCAGCGGGTG			-
875	GGCACAGCCTGGGCCTGCTCTGAGTATGACAGAGCCCCTGGGAAGTTGTAGGTGGAGGAAAGACAGGTCATGA	950	CTAGGAAAAAAGCAATCCCTCTGTTGTGGGGTGGAAGGAA	1025	AGACAGACACTTCTCAATGTTTACAAGTGCTCAGGCCCTGACCCGAATGCTTCCAAATTTACGTAGTTCTGGAAA	BsmI+	1100	ACCCCCTGTATCATTTTCACTACTCAAAGAAACCTCGGGAGTGTTTTCTTCTGAAAGGTCATCAGGTTTTTGACTC	1175	TCTGCTGTCTCTTTCTTCTTGCTGGTGGTGGTGGTTGCTTGTCCCAGGCCCTGTCCCGCATCCTTGCCC	EC00	1250	<u> </u>	Bglii	1325	GCAGTGGCCTTGTGTGAGGCTGGAGGGGTTTCGATTCCCTTATGGAATCCAGGCAGATGTAGCATTTAAACAACA		1400	CACGTGTATAAAAGAAACCAGTGTCCGCAGAAGGTTCCAGAAAGTATTATGGGATAAGACTACATGAGAGAGA	1475	TGGGGCATTGGCACCTCCCTTAGTAGGGCCTTTGCTGGGGGTAGAATGAGTTTTAAGGCAGGTTAGACCCTCGA		1550	IGGAAATTTACCCCCCAGCCGTTCTGIIGCTTCATTGCTGCTTCACATCACTGCCTAAGATG	1625	TGTGTGTTTCTTCTCCTCACTGGGCTCTGCTTCTTCACTTCCTTGTCAATGCAGAAA	1700	CAGCAGCAGGCACCAGAGGCAGGCCTTGTAAGAAGCACGAGCTGTATGTCAGCTTCCGAGACCTGGGCTGGCAGG		1775	ITCTGTCTTGGGTGTGGGCCCTCTGGCGTGGGCTCCCACAGGCAGCGGGTGCTGTGCTCA	C	7	
865	GCCCTGGGA	940	AGGAAGGITG	1015	CCTGACCCG		1090	CGGGAGTGTT	1165	rggttgcttgi		1240	FGAGGTTGTT		1315	rccttates.		1390	CCAGAMAGTA	1465	rgggggt, aga		1540	STTCTGEGCT	1615	ACTEGGGCTCTC	1690	CACGAGCTGTA		1765	rcreecere	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	13. 14.K	
855	ATGACAGAGA	930	STGGGGTGGA	1005	AGTGCTCAGG(EC00	1080	LAAGAAACCT	1155	STGGTGGTGA		1230	CTCACGAGT		1305	SGCTTTCGAT		1380	CCAGAAGGT	1455	SGCCTTTGC	Eco0	1530	CCCCAGCC	1605	TITCICCICA	1680	TTGTAAGAAGC		1755	SGTGTGGGCCC	ApaI	0007	
845	TGCTCTGAGT	920	TCCCTCTGTT	995	AATGTTTACA		1070	TTCACTACTC	1145	CTTCTTGCTG		1220	TGTGTTGGGG	Eco0	1295	GAGGCTGGAGG		1370	AACCAGTGTCC	1445	TCCCTTAGTAC	й	1520	GGGAAATTTAC	1595	GTGTGTGTTTC	1670	GAGGCAGGCCT	StuI	1745	GTCTGTCTTGG			
835	AGCCTGGGCC	910	AAAAAAGCAA	985	GACACTTCTC		1060	CTGTATCATT	1135	TGTCTCATTT		1210	CTGCAGAGGGATGAG1		1285	GCCTTGTGT		1360	GTATAAAAGA	1435	CATTGGCACC		1510	ACTGGCTTTTGAATCG	1585	GAGGAACTTTGATGTG	1660	GCAGGCACCA		1735	TAAGGGGCTGGCTGGG			
	GGCAC		CTAG		AGACA			ACCC		TCTGC			CTGC	PstI		GCAGI	ŧΙ		CACGI		TGGGG			ACTGG		GAGGA		CAGCA			TAAGG			

Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 3 OF 30

•			3/3(,				
1820 1830 1840 1850 1860 1870 CCTGCCAGTTAAGACTCCAGTATCAAGTGGCCTCGCTAGGGAAGGGTACTTGGCTAAGGA 1895 1905 1915 1935 1945 APPROX. 1000 BASES)GGGAGCCAGCATGGGTGATGCCATTATGA 1970 1980 1990 2000 2010 2020 3GCAGGTGGGCAAACCGAGGCATGGAGTTTTAAGGTGAACTGCCAGTGTGTGACCA BSPMI-	CCTAGTGGGGTAGAGCTGATGCCTCACACCGGAGCTCCTTCCT	2120 2130 2140 2150 2160 2170 FAGGATCAGCCAAGCCCGTCTTGTCCTTTTTTTTTTTTAGAAATGGG	GICTIGCICIGICACCCAGGCIGGGIGCAGGIGATCATAGCICACCGCAGCTITGACGCCGICTICCCACT TEN1111	2270 2280 2290 2300 2310 2320 320 GACTATAGGCCAAGACTATAGAGTGGTCCTTCTTTCCATTTTGGGACCATGAGAGG	2345 2355 2365 2375 2385 2395 CCCCTGCTGGCCTGCTCAGAAGGCATGGTCTGAGGCTTTCACCTTGGTCGTGAG APai	2420 2430 2440 2450 2460 2470 TITCAGCATGGGATGCTGTCCTCAGGCTTCTGCATGCTTCCCACACTCTTT 2495 2505 2515 2525 2535 2545 GATCATCGCGCCTGAAGGCTACGCGCGCTACTACTGTGAGGGGGAGTGTGCCTTCCCTC	2570 2580 2590 2600 2610 2620 CGCCACCAACCACGCCATCTTGGGGTGTGG	2645 2655 2665 2675 2685 2695 GGCTGCGGGGCCACCAGTTGCTGCTCCAAGCTGGGGCCTGAGTAGATGTCAGCCC ECOO
1860 GGAAGGGTAC 1935 GCATGGGTGA 2010 TGAACTGCCA	2085 STTCTGTCCA	2160 FTATGTTTT	2235 CTTTGACGCCG Tthllll	2310 FICTITIGGG	2385 3GCTTTCACC	2460 SATGGTTTCC 2535 AGGGGGAGTG	2610 CACGCCATC	2685 GCCTGAGTA()0
1850 3CCTCGCTAG 1925 GGGAGCCA 2000 TTGTTTAAGG	2075 SCTGTGCCGC	2150 CATTTTATT	2225 STCACCGCAGG	2300 CTTCTTTCCATT BStXI	2375 PATGGTCTGAC	2450 2450 2525 26164	2600 TGGTGGGTG1	2675 CCAAGCTGGGG ECOO
1840 1915 1915 1990 3CATGGAGGT	2065 3GAGCTCCTTC SacI	2140 CTTGTCCTT	2215 TGATCATAGO	2290 AGAGTGGTCC	2365 CTCAGAAGGC	2440 TGCTGTGCTC 2515 TACGCGCGCT BSSHII	2590 GTGCAGACGC	2665 CCTGCTGCCT
1830 TTAAGACTCCAC 1905 1000 BASES). 1980 GGCAAACCGAGG	2055 CCTCACACC	2130 CAAGCCCCGT	2205 TGCAGTGGTG	2280 CCAAGACTAT	2355 GGGCCCTGCTG Apai	2430 26GGTTGGGA 2505 GCCTGAAGGC	2580 CCACGCCATC	2655 GCCACCAGAT
1820 1895 1895 .(APPROX. 10 1970 CTGGCAGGTGGG	2045 CTGATGATTG		2195 CCAGGCTGGG	2270 GGACTATAGG	2345 GCCCTGCTG A	2420 CTTTCAGCAT 2495 GGATCATCGC	2570 ACGCCACCAA	2645 AGGCTGCGGG
1810 GTCTTGTTTCTCATCT 1885 TACAGGG(A 1960 GTTATTAGCCTCTCTC	2035 TGGGGTAGAG	2110 CATGGATGTCCATTT	2185 GCTCTGTCAC	2260 CAGTCTACTAAGCTTG HindIII	2335 CCACCCATGITICCTG	2410 CCTTCGTGGTGGTTTC 2485 CTCCTCCTGGGACTG	2560 2560 TGAACTCCTACATGAA	2635 TCACCTGGGCCGGGCA EEII B911
GTCTT TACAG GTTAT	CCTAG alli MI	CATGG	TOLD	CAGTC	CCACC	CTCT	TGAAC	TCACC

Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 4 OF 30

2710 CATGTCATGA(2720 CITITGGGGG	2730 CCCTTGCGC	2740 CGTTAAAAAA	2750 AAATCAAAAA	2710 2720 2730 2740 2750 2760 2770 ATTGCCCATGTCCATGTACTTTTGGGGGCCCCTTGCGCTTAAAAAAAA	2770 GACTGGTTT
	Apa I Ecoo					
2785	2795	2805	2815	2825	2835	2845
Agaggagti	ATAATCTTCG	ACCCTGGAGT	TCATTTALL	CTCCTAATTT	GGTATAAAGAGGAGTATAATCTTCGACCCTGGAGTTCATTTATTT	AAAAGTTGT
2860	2870	2880	2890	2900	2910	2920
CCTTTGAG	SATGCTTGTA	STATTGTGGG	TGCTGGTTAC	GGTGCCTAAG	ATGGGCTCCTTTGAGGATGCTTGTAGTATTGTGGGTGCTGGTTACGGTGCCTAAGAGCACTGGGCCCCTGCTTCA Apai	CCTGCTTCA
2935	2945	2955	2965	2975	2985	2995
AGTAGAGGA	NACAGGTAAA	CAGATGAGAA	ATTTCAGTGA	GGGCACAGT	TTTTCCAGTAGAGGAAACAGGTAAACAGATGAGAAATTTCAGTGAGGGGCACAGTGATCAGAAGCGGGCCAGCAG	GGCCAGCAG
3010	3020	3030	3040	3050	3060	3070
3GGATGGAG	IGATGAGTGG	GACCCATGG	GCCATTTCAN	GTTAAATTTC	GATAATGGGATGGAGAGATGAGTGGGGACCCATGGGCCATTTCANGTTAAATTTCAGTCGGGTCACCAGGAAGAT	CAGGAAGAT
	ĕ	Ecoo Ncol			BStEII	
3085	3095	3105	3115	3125	3135	3145
FGATAATGAC	SATTAACGTGC	CCAGTCACG	GCGACACTCA	GTAGGTGTTA	TCCATGTGATAATGAGATTAACGTGCCCAGTCACGGCGACACTCAGTAGGTGTTATTCCTGCTCTGCCAACAGCA	CCAACAGCA
3160	3170	3180	3190	3200	3210	3220
STTGATAAGA	GCTGTTAGG	BATTTTCCC	TTTTGCTTAG	AATCCAAGGT	ACCATAGTTGATAAGAGCTGTTAGGGATTTTGTCCTTTTGCTTAGAATCCAAGGTTCAAGGACCTTGGTTATGTA	GGTTATGTA
					Eco0	
3235	3245	3255	3265	3275	3285	3295
GTCATGAAC	ATCATCTGAG	SCCTTTCCTG	CCTACTGATC	ATCCACCCTG	GCTCCCTGTCATGAACATCATCTGAGCCTTTCCTGCCTACTGATCATCCACCCTGCCTTGAATGCTTCTAGTGAC	TCTAGTGAC
					+TWSG	
3310 TCACTACCA	3320 GGACTACTCC	3330 CTCCTTTCA	3340 ITTAGTAATC	3350 recerecerec	3310 3320 3330 3340 3350 3360 3360 3370 AGAGAGCTCACTACCAGGACTACTCCCTCCTTTAGTAATCTGCCTCCTTTTTTTT	3370 CTGTCCTGT
TOPO				1	1	•
3385	3395	3405	3415	3425	3435	3445
3460	2470	ALCIAICCEI.	2400	2500	GAAAAAICICAICIAICCCIIICAIIIGAIICIGCICIIIGAGGGCGGGGGIIIIIIGIII	3520
			0650		R RULLUNG R RULL	サインエンシングペ
2626	AAGIGITGGI	TITCCAAAG		CCICCICAMI	CITIBITIBITITITAGIGITGGITITICAAAGCCCITGCICCCICCAAAAAAAAAA	3595
GAAGGTCCT	SS43 TAGGCTGGAA	SSSS ACAGAAGAG	SOC COLUMN	CTGTTTCCT	3333 TGGGATTGAAGGTCCTTAAGGTTGGAAACAAGAAGAGTCCTCCAACCTGTTCCCTGGCTGG	GCTGTGCTG
+ PMCCCH	+11		į	•		
ECOOPE	11.		כב	1 A-4		

Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 5 OF 30

TGCCAGI	3610 ATCCCCTGG 3685	3620 AAGGTGCCAG 3695	3610 3620 3630 3640 3650 3660 3670 TGCCAGTATCCCCTGGAAGGTGCCAGGCATGTCTCCCCGGCTGCCAGGGACACTCTCTTCTCCAACCC 3685 3695 3705 3715 3725 3735 3745	3640 CGGCTGCCAG 3715	3650 GGGACACATC	3660 ICTAICCIIC 3735	3670 TCCAACCC 3745
CTGCCT1	CATGGCCCA	TGGAACAGGA	CTGCCTTCATGGCCCATGGAACAGGAGTGCCATCGCCCTGTGTGCACCTACTTCCATCAGTATTTCACCAGAGAT	CTGTGTGCAC	CTACTTCCAT	CAGTATTTCA	CCAGAGAT
BglI	NCOI		,	ApaLI			BglI
	3760	3770	3780	3790	3800	3810	3820
CTGCAGG	SATCAAAGTG	AATTCTCCAG	CTGCAGGATCAAAGTGAATTCTCCAGGGATTGTGAAATGATGCGATTGTGGTCATGTTTAAAAGGGGGCAACTGT	TGATGCGATT	GTGGTCATGT	LTAAAAGGGG	SCAACTGT
H	口	Ecori			ā	DraI	
PstI							
	3835	3845	3855	3865	3875	3885	3895
CTTCTAG XbaI	CTTCTAGAGAGTCCTG Xbai	ATGAAATGCT	GATGAAATGCTTCCAGAGGAAATGAGCTGATGGCTGGAATTTGCTTTAAAATCATTCAAG Drai	TGAGCTGATG	GCTGGAATTT	SCTTTAAAAT(DraI	CATTCAAG
	3910	3920	3930	3940	3950	3960	3970
GTGGAGC	GGGG	AGGGTATGGA:	<u> AAGGGTATGGATGTGAAGAGTTTGAAATTGTCCATCATAAAATGTGTAAAAAGCATGCT</u>	TTGAAATTGT	CCATCATAAA	TGTGTAAAA	AĠCATGCT
Bs	BspMI-						SphI
	3985	3995	4005	4015	4025	4035	4045
GGCCTA1	GTCAGCAGT	CACAGCCTGG	GGCCTATGTCAGCAGTCACAGCCTGGAGGTGGTAACAGAGTGCCAGTCACTGATGCTCAAGCCTGGCACCTACAG	GAGTGCCAGT	CACTGATGCT	CAAGCCTGGCA	ACCTACAG
	4060	4070	4080	4090	4100	4110	4120
TTGCTGG	CAG	AGTTTCACGT	AAGTTTCACGTTGAAAACAACAGGACAGTGGAATCTCTGGCCCTGTCTTGAACACGTGGC	GGACAGTGGA	ATCTCTGGCCC	TGTCTTGAAC	CACGTGGC
	4135	4145	4155	4165	4175	4185	4195
AGATCTG	CTAACACTG	ATCTTGGTTG	AGATCTGCTAACACTGATCTTGGTTGGCTGCCGTCAGCTTAGGTTGAGTGGCGGTCTTCCCTTAGTTTGCTTAGT	CTTAGGTTGA	STGGCGGTCTI	CCCTTAGTT	IGCTTAGT
Bglii							
	4210	4220	4230	4240	4250	4260	4270
CCCCGCI	CCCCGCTATTCCCTAT	rgrcttacct	FTGTCTTACCTCGGTCTATTTTGCTTATCAGTGGACCTCACGAGGCACTCATAGGCATTT	GCTTATCAGT	GGACCTCACGA	GGCACTCATA	AGGCATTT
	4285	4295	4305	4315	4325	4335	4345
GAGTCTA	TGTGTCCCT	STCCCACATC	GAGTCTATGTGTCCCTGTCCCACATCCTCTGTAAGGTGCAGAGAAGTCCATGAGCAAGATGGAGCACTTCTAGTG	GCAGAGAAGT	CCATGAGCAAC	SATGGAGCACT	FTCTAGTG
	4360	4370	4380	4390	4400	4410	4420
GGTCCAA	GTCAGGGAC	actattcagca	GGTCCAAGTCAGGGACACTATTCAGCAATCTACAGTGCACAGGGCAGTTCCCCAACAGAAATTACCTGGTCCTG Apali	CACAGGGCAG LI	ITCCCCAACA 0	SAGAATTACCI	rgercerg
	4435	4445	4455	4465	4475	4485	4495
AATGTCG	GATCTGGCC	CTTCCTTCC	<u>AATGTCGGATCTGGCCCCTTCCTTCCCCACTGTATAATGTGAANACCTCTATGCTTTGTTCCCCTTGTGCAAA</u>	TGTGAAMACC	rcratecttre	rrccccrrg	CTGCAAA
	4510 #88477786	4520	4510 4520 4530 4540 4530 4550 4550 4550 4550 455	4540 TCCTTACA	4550	4560	45/0
なりりのような	ואיזייין	ייין יייין איי	ירראופואאים.		100104000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	De la
			Fig. 1A-5	7-5			S S
			; •	:)			

Title: Osteogenic Devices Inventors: Oppermann et al. Serial No.: Not yet assigned Atty. Docket No.: STK-010C3 Atty: Diana M. Steel

Atty. Docket No.: STK-010C3 Atty.: Diana M. Steel Express Mail Mailing Label No.: EV 093438159US

SHEET 6 OF 30

6/30

Fig. 1A-6

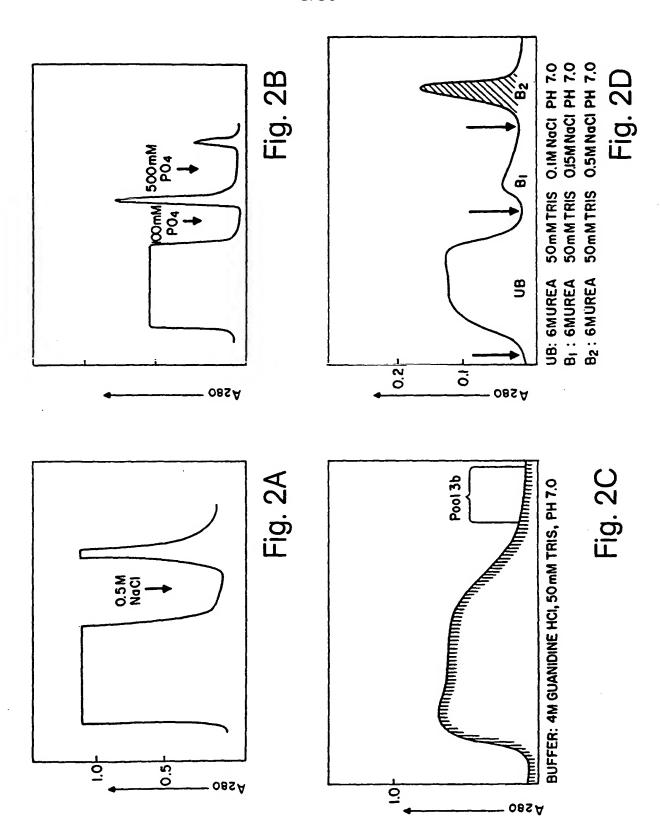
Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 7 OF 30

70 CCCCGTCG	GCCTGAAG 88	140 caccaacca ******* caccaacca	210 FGCCACC ***** 3GCCACG	280 CAGGAGA . * AGAAACA 298		
50 GACTGGATCATCGCCCC	SATCATCGC 78	130 TTCAACAGCZ *** *: TTGAACGCCZ	200 CTGCTGCG: ***** CTGCTGTGC	270 CTGAAGAACTAC ****** *** CTGAAGAAATAC		
50 GGACGACTG(* ****	GCAGGACTG(68	120 GCGGATCACT ** AACTCCTACA	190 200 GGTACCCAAGCCCTGCTG *** *********************************	260 CGTGGTGCTG *** *** CGTCATCCTG		
40 CGCGACGTGGGCTGG ** *** ***	ACCTGGGCTG 58	110 GTTCCCCICT **** CTTCCCTCTG	180 CCCGCANGG ** ** CCGGAAACGG	250 AGAATTCCACCGT **** *** ACAGCTCCAACGT		ב ז
30 CTTCCAGCGCG	CAGCTTCCGAG	100 GGAGCCTGCCA(** ** GGGGAGTGTGC(170 CAACATGAACCC * *** **** CTTCATCAACCC	240 CTGTACCTGGACGA ** **	310 GCTAACTGCA *** ** ACTAGCTCCT 328	Ë
20 TACGTGGA(CTGTATGT(38	90 TACTGCTCCC *****,	160 CCCTGGTGAACA * **** ** CGCTGGTCCACT	230 AGCATGCTG ** FCCGTCCTC	300 CTGCGGCTGCCG *** ***** CTGTGGCTGCCA	
CONSENSUS PROBE 20 30 40 50 50 70 70 SO AND TO AND TO SO TO SO TO SATCET CATC CCCCCCCTCC COLOR TO SATCET CATC CCCCCCCCCCCCCCCCCCCCCCCCCCCCC	TGTAAGAAGCACGAGCTGTATGTCAGCTTCCGAGACCTGGGCTGGCAGGACTGGATCATCGCGCCTGAAG OP4 28 38 48 58	80 90 100 110 120 130 140 ACTTCGACGCCTACTCCCCGGAGCCTGCCAGTTCCCCTCTGCGGATCACTTCAACAGCACCAACCA	150 160 170 180 190 200 210 CGCCGTGGTGAGCCAAGCCCTGCTGCTGCTGCCCACC **** ******** ***** ****** **** *******	220 230 240 250 260 260 270 280 GAGCTGTCCGCCATCAGCATGTACCTGGACGAGAATTCCACCGTGGTGCTGAAGAACTACCAGGAGA **** ***** ***** *** CAGCTCAATGCCATCTCGTCCTCTACTTCGATGACAACTCCAAACAAA	290 300 310 TGACCGTGGTGGGCTGCGGCTGCCGCTAACTGCA ** ** ** ** ** ** TGGTGGTCCGGGCCTGTGGCTGCCACTAGCTCCT 308 318 328	

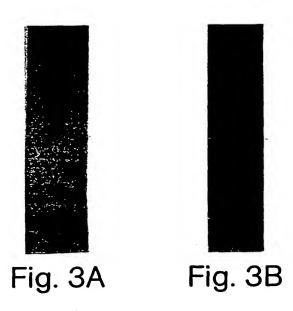
Title: Osteogenic Devices Inventors: Oppermann et al. Serial No.: Not yet assigned Atty. Docket No.: STK-010C3 Atty.: Diana M. Steel

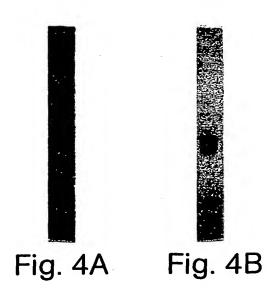
Express Mail Mailing Label No.: EV 093438159US

SHEET 8 OF 30



Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 9 OF 30

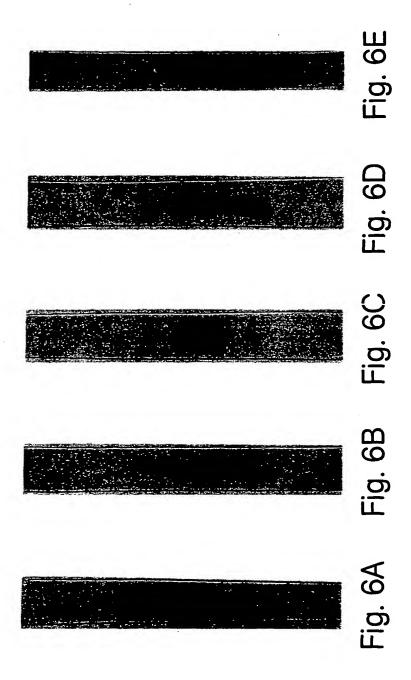




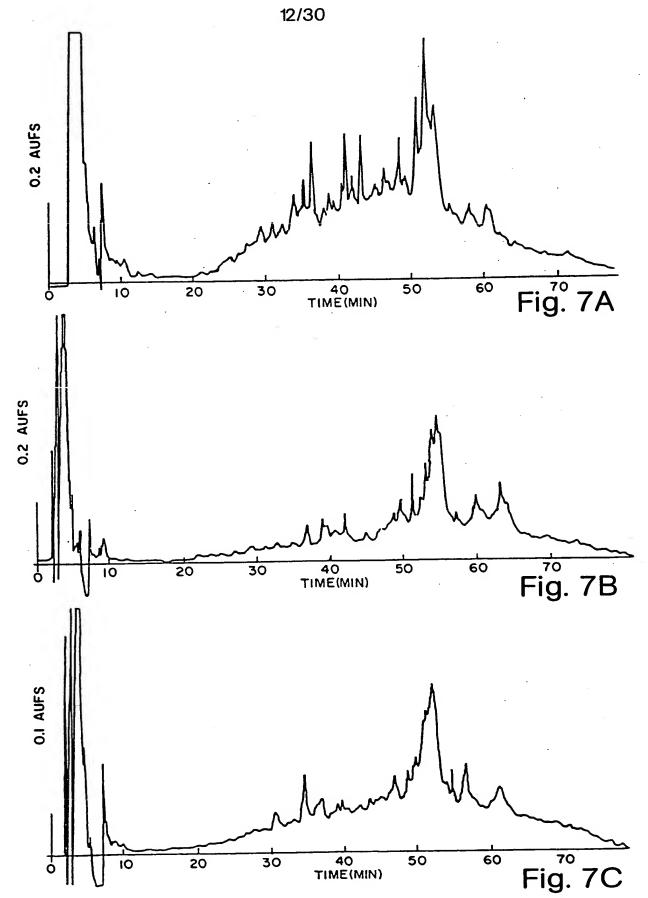
Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 10 OF 30



Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 11 OF 30



Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 12 OF 30



Title: Osteogenic Devices Inventors: Oppermann et al. Serial No.: Not yet assigned Atty. Docket No.: STK-010C3 Atty.: Diana M. Steel

Express Mail Mailing Label No.: EV 093438159US SHEET 13 OF 30

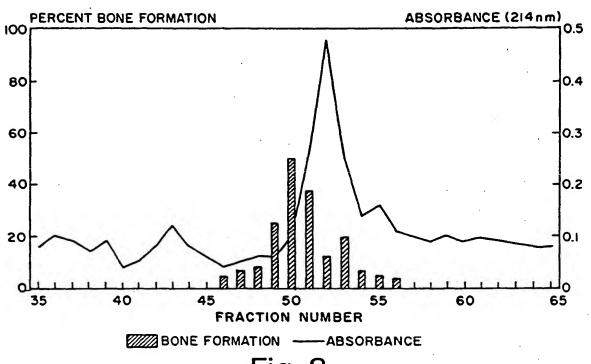


Fig. 8

PERCENT BONE FORMATION ABSORBANCE (214 nm)

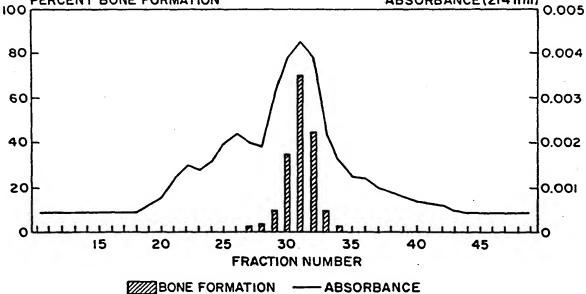
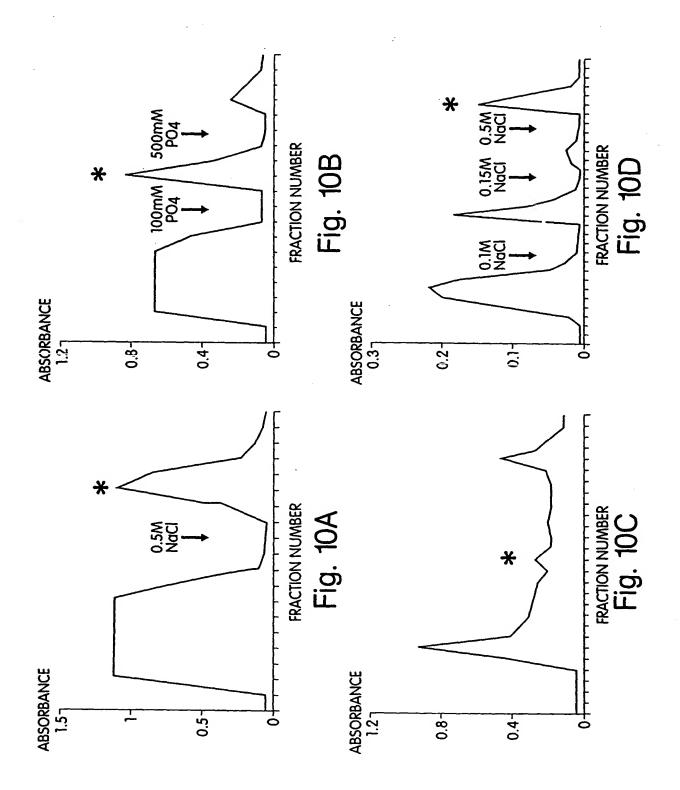


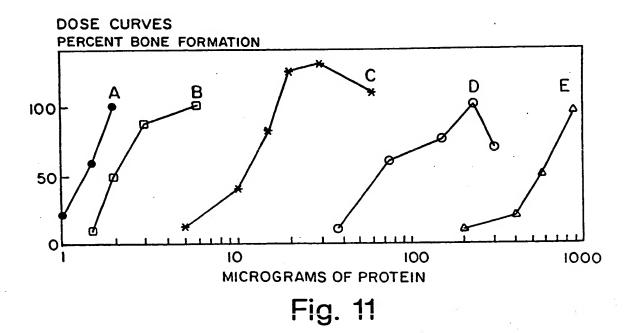
Fig. 9

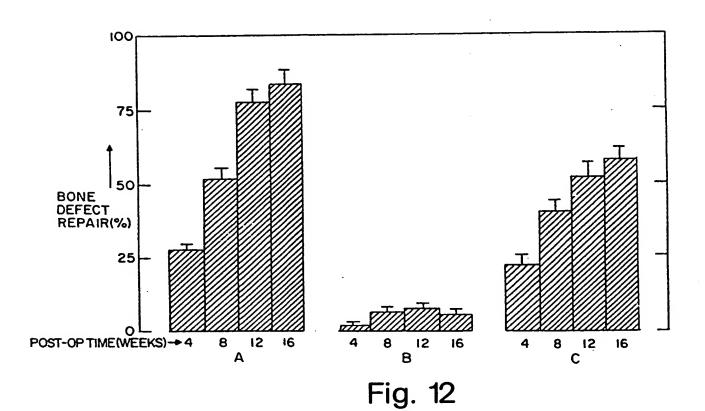
Title: Osteogenic Devices Inventors: Oppermann et al. Serial No.: Not yet assigned Atty. Docket No.: STK-010C3 Atty.: Diana M. Steel Express Mail Mailing Label No.: EV 093438159US SHEET 14 OF 30



Title: Osteogenic Devices Inventors: Oppermann et al. Serial No.: Not yet assigned

Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 15 OF 30





Title: Osteogenic Devices Inventors: Oppermann et al. Serial No.: Not yet assigned Atty. Docket No.: STK-010C3

Atty.: Diana M. Steel

Express Mail Mailing Label No.: EV 093438159US

SHEET 16 OF 30

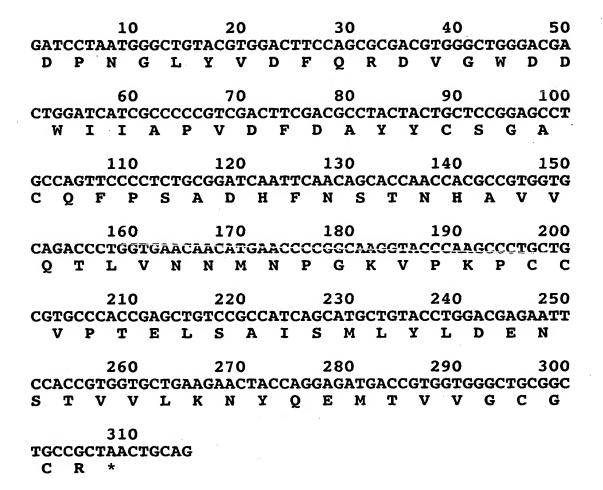


Fig. 13

Title: Osteogenic Devices Inventors: Oppermann et al. Serial No.: Not yet assigned Atty. Docket No.: STK-010C3 Atty.: Diana M. Steel

Express Mail Mailing Label No.: EV 093438159US

SHEET 17 OF 30

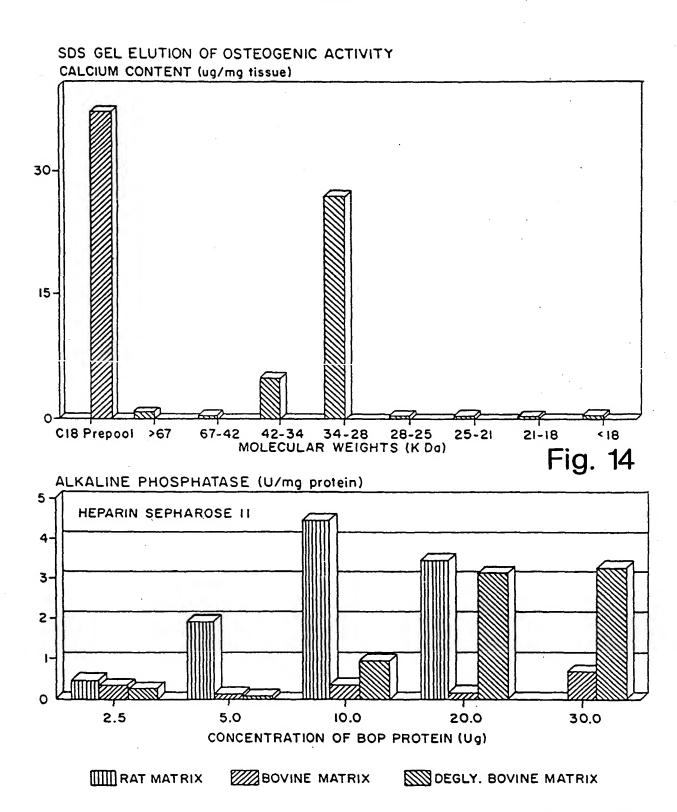


Fig. 19

Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 18 OF 30

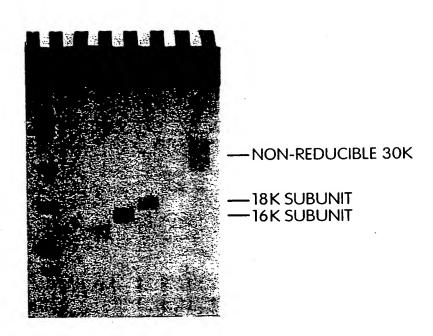
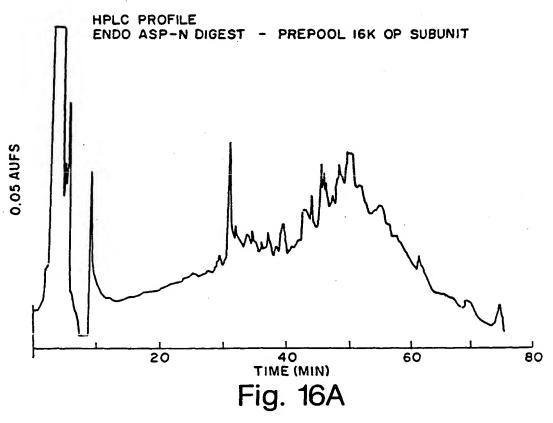


Fig. 15

Title: Osteogenic Devices Inventors: Oppermann et al. Serial No.: Not yet assigned Atty. Docket No.: STK-010C3

Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US

SHEET 19 OF 30



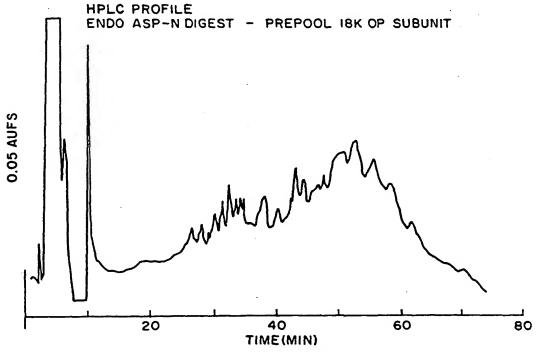


Fig. 16B

Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 20 OF 30



Fig. 17A

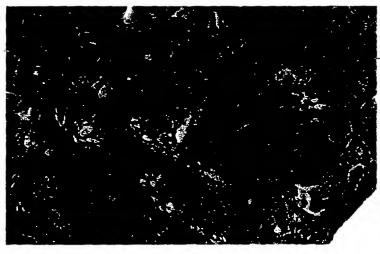


Fig. 17B

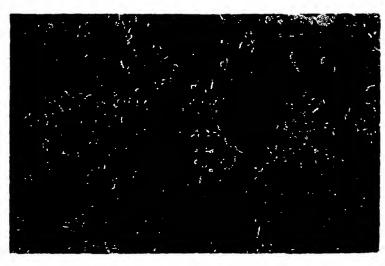


Fig. 17C

Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 21 OF 30

consensus	choices		ບ	k,r	k,r	h,k,r,q	p,s,e,q	7	y, £	v,i	d,e,s	u	k,r,s		ซ	v, l, i	ס	3	d'u'q'e's	d,e,n	3	٠,٧	i,v	a,s	Q	-	8,8		h,d,n,q,y*	æ	
: : e	:: p:	•••	::	•••	•••	••	••	••	••	•••	••	••	••	••	••	::	•••	••	••	::	••	••	•••	•••	••	••	••	::	:: ::	••	
alph	Inhi		ပ	X	2	>	Ø	H	Z	H	ß	[T4	OI		田	17	ပ	3	团	æ	3	H	>	×	വ	a	ß	'n	H	Į,	
MIS			ບ	K	H	æ	闰	ı	ល	>	Ω	H	æ	K	田	æ	ល					>	H	H	Д	ы	H	×	œ	⋖.	
••	••• «	3:	••	••	; >	••	<u>а</u>	••	••	••	••	••	8	ö	••	••	••	••	••	••	••	; >	••	••	••	••	••	••	∺	••	
H	beta	7			H		Д						×	œ								Н							Z		
ĭ	ğ	-	ပ	ပ	>	œ	ø	h	×	H	Ω	Ŀı	2	×	Ω	h	ပ	3	×	1	3	H	I	FJ	Д	×	ပ	×	X	⋖	
ta.	ibin		ပ	ပ	×	ø	α	দ	더	н	Ω	ഥ	8			н	ט	3	Z	Ā	3	H	H	Æ	ĒΨ	H	Ü	≽i	Þi	ଓ	
bet	Inh	a)	ပ	ပ	×	×	ø	Ţ	[Z4	>	S	Œ	×		Ω	н	ບ	3	z	Ω	3	H	н	K	Д	ß	೮	×	×	Ø	_
CBMP3	(bov)		ပ	A	<u></u>	æ	×	า	×	>	Ω	ſΞų	K		Ω	Ħ	ပ	3	ß	回	3	н	н	လ	ር	×	ß	Ŀ	Ω	K	4
S	$\ddot{\cdot}$	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	
ري د	â	•		æ			Ø																			•	٠				ij
CBMP2	a)		U	×	×	Ħ	Д	H	×	>	Ω	Ţ	മ		Ω	>	O	3	Z	Q	3	Η	>	K	Д	Д	U	×	H	æ	
0P1			ບ	×	×	H	曰	H	×	>	S	Œ	24		Ω	H	Ö	3	0	a	3	H	H	K	Д	臼	Ö	×	K	K	
DPP			ບ	24	×	H	ß	1	Ħ	>	Ω	Œ	တ		Ω	>	v	3	Ω	Ω	3	H	>	4	Д	H	Ö	×	Ω	¥	
ij			ບ	×	×	2	Ξ	H	×	>	团	ß	×		Ω	>	ပ	3	0	Z	3	>	H	K	Д	0	Ö	×	Σ	4	
.vG	••	••	••	••	•••	•••	••	••	••	•••	••	••	••	••	••	• • •	•••	•••	•••	••	••	•	•••	••	••	•••	•••	•••	•••	•••	
• •		P7				ŝ		ت	ы	>	Ω	נצו	ໝ		۵	>	Ü	3	z	Ω	3	Н	>	Æ	ىد	م	to	ы	.	Ø	
	P5	20																												A	
	COP5		P4		م																									· 4	
		က	S																												
	P	Q			P 4	Z	U	H	>	>	Ω	[<u>1</u> 4	O	24		>	<u></u>	3	Ω	Ω	3	. H	>	<	_ CL	<u>,</u>	ט -	×	0	A	
	COP1 CO	Ö			Q	V	Ş	H	×	>	Ω	Œ	O	2	Ω	>	O	3	Ω	Ω	3	· H	-	K	Д	>	Ω	124	Ω	A	

Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 22 OF 30

÷	11/1/1	Y, E, n	ပ	e, h, *		# c.	5	-	, A	7,0	1.m.i	D.a.s.t	•	h.r.n.s*	֡֝֡֜֜֜֝֓֜֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	7 - 7 - 7 - 7	מימיצי	•		}		ų		a, t, s	i, v, t	v.i.1	u'b	t, s,a,q	1,1	>	h,n r	
•	• •	•	••	••	. • •	••	• • •	•	• •	• ••	•	• • •	•••	•••	•		• •	• ••	•	•••	•••	•••	••	••	••	•••	•••	••	••	••	••	
Ξ	: >	н (ပ	Ħ	_ප	Ö	ບ		,	×	Ħ	Д	Д	Z	, -	V 2	ב, ו	A	>	Д	Ö	4		Д	Ωı,	E -4	PH.	K	O!	щ	×	
Z	2	3 (ပ	Q	ပ	>	ပ	G	3	а	0	S	Ω	2	!	Z	<u> </u>	~	×	ပ	z	H			>	>	1	-7	1	×	Σ	
••	• •	•	••	လ	••	ğ	••	••	••	ï	8	••	••	••	A	••	• • •	••	H	••	••	H:	••	••	Ë	••	••	ຮ	••	••	••	
				₹		K				1	3				S				O			H			×			S				
Z	E	4 (, ر	1	ပ	a	ບ	Д	×	Н	3	ß		Н	Ч	Ω		H	Ø			Þi		S	×	>	ᆸ	K	Н	×	Z	
z	>	۱ (ו כי	되	ပ	ß	ပ	Д	K	×	ᄓ	A	ც	>	а	ບ	S	Ą	လ	S	[Z4	H	H	K	>	>	z	œ	×	~	Σ	
																											z					\sim
>	>	4 E	، د	<u>.</u> من	ප	æ	ບ	œ	E.	<u>م</u>	Σ	Д	×	ខ	ı	×	a	മ	z			I		Æ	띰	Н	α	ß	H	>	~	<u>₩</u>
••	•		•	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••		••	••		••	••	••	••	י ס
																																iΞ
Ţ	>	, C	: ر	I	G	M	U	Д	ţ z i	Д	Д	Ø	Ω	I	H	Z	ഗ	H	Z			Ħ		æ	H	>	ø	₽	J	>	Z,	
×	×	i (ז כ	ন (<u>ප</u>	凹	ပ	K	ഥ	Д	H	Z	ß	×	Σ	Z	4	H	Z			I		K	H	>	œ	E+	ы	>	X	
×	×	, C	: נ	E (9	×	ပ	<u>α</u>	Ŀ	Д	1	Ø	Ω	Ħ	Ēų	Z	ß	H	Z			I		K	>	>	œ	H	1	>	Z	
	•		•		_		_		•										Z			_		•			œ	•	_		_	
••	••	•	•	•	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	
			-																						-	_					• •	
-	•			-	_		_															I		K	>	>	ø	H	1	>	Z	
	•																		Z			I					Ø.					
																			Z			Ħ.					O I					
	•	_								Д											1	I	•	< ∶	>	>	O I	Η :	1	>	Z	
×	×	C) U	3 (7	4	U	O !	Œ	۱ بم	S	K	Ω,	I	[Z4	Z	S	H	Z		;	Ξ	•	4	>	>	Q I	H	- 1	>	Z	

Title: Osteogenic Devices Inventors: Oppermann et al. Serial No.: Not yet assigned Atty. Docket No.: STK-010C3 Atty.: Diana M. Steel Express Mail Mailing Label No.: EV 093438159US SHEET 23 OF 30

	i,v,1,				p, s, a	•		k,q,t,s	i,v,l	p,a,s	×	a,p,s	ບ			181	e,	q,e,d,k*	l,m	s,n e,d	a,s,p,t	i,1,m,v	s,a,p,t	v,m,i,l	l,v,i	Y,£	•	•	d,e,	n,q,y	e,d,s,t	
••	••	::	••	••	::	•••	••	•••	••	••.	•••	•••	••	••	::	••	•••	•••	••	•••	••	••	••	••	••	••	••	••	••	••	••	
ß	J	ı			д	ပ				Ø	ø	Д	ပ	ပ	«	Ø	ᄓ	ద	ဗ	Ħ	Σ	æ	Д	H	王	>	æ	-	[• •	S	Ω	
0	K	×	ဗ	K	Ø	H	K	æ		Д		Д	ပ	ပ	>	Д	۲	¥	×	K	ပ	×	h	H	H	വ	H.	S	ल	EП	~	
_	Ë	••	••	••		<u>대</u>	••	••		:: ::	••	••	••	••	••	<u></u>	••	ä	••	••	••		ij		ä	••		; >		2	_	
_	H					田									_	S		A					H		H					×	_	
0	H	Z			Д	ဗ	A	S	A	A		Ωı	ບ	ပ	>	Д	ø	¥	ם	田	Д	П	Д	H	>	×	×	>	ဗ	~	×	
×	ບ	H	Z		д	೮	H	×	>		Z	മ	ບ	ပ	H	Д	۲	×	h	ß	۲	Σ	လ	Σ	h	×	Œ	Ω	Ω	円	×	
<u>~</u>	ပ	H	လ		Д	ഥ	4	Z	ı		×	ß	ပ	ပ	>	д	H	×	ч	24	щ	Σ	ß	Σ	Ч	×	×	Ω	Ω	G	œ	2 -3
4	>	ဗ	>	>	Д	ပ			H	Д	臼	д	ပ	ບ	>	Qί	臼	×	Σ	လ	ß	ם	ß	H	h	Œ	Ŀ	Ω	团	Z	×	<u></u>
•	• ••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	D.
								S																								证
U.	>	Z			ß			×	H	Д	×	K	ပ	υ	>	д	H	E	ч	ß	K	H	ß	Σ	1	×	H	Ω	田	Z	਼ ਜ਼	
ĵ.	, н	Z			Д	臼		۲	>	Д	×	K	ບ	ບ	K	Ω,	H	ø	Ы	Z	K	H	ß	>	ы	>	ഥ	Ω	Ω	ഗ	S	
2	z	Z			Д	ပ		×	>	Д	×	K	ပ	ပ	>	Д	H	O	ı	Ω	ß	>	K	Σ	h	×	1	z	Ω	ø	S	
-) H					曰											H															
•	•	••	•••	•	•••	•••	•	•	•••	•••	•••	•••	••	••	••	••	••		••	••	••	••	••	••	••	••	••	•••	••	••	••	
V.	>	Z			ß			×	Н	М	×	A	ບ	ပ	>	Д	H	闰	Н	വ	Ø	H	ß	Σ	Н	×	1	Ω	曰	Z	回	
V.	>	Z			Ø			×	Н	М	×	A	ပ	U	>	Д	H	闰	Н	ß	A	H	ß	Σ	Н	×	Н	Ω	M	Z	臼	
_															_	_	٠.		-	70	-	—	rΩ	_	. 7	L.		_		_		
2	Ξ	Z			Д	ပ		×	>	Д	×	Д	O	O	>	ρų	H	щ	H	02		•	V 2	4	H		H	Н	Ħ	Z	田	
	Σ Σ				РР												T															

Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 24 OF 30

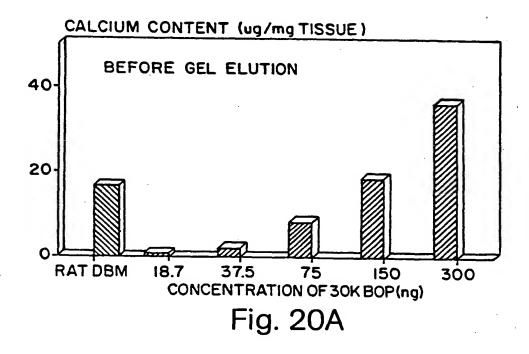
n,k	v,i	v,i	-	k, r	n,d,k*	χ.	q,e,p,r		n,d,e	E	v,i,t,a	>	e,d,r,k,	g,a,s,e	บ	d'b	ပ	r,h,s,a,
••	••	::	•••	•••	::	•••	••	::	::	•••	••	::	::	••	••	••	••	••
ບ	೮	×	လ	Ŀı	×	×	凹	TVP	z	ı	ឯ	H	œ	Ħ	ပ	¥	ပ	H
H	ß	K	Ħ	Ħ	>		Д		Z	Σ	>	K	H	团	ပ	ပ	ပ	æ
••	••	; >	••	••	••	.••	••	••	••	••	.: V:	••	X ::	••	••	••	••	••
		H			_				z	_	H	_	×					
14	×	>	H	Œ	H		Ω		Z	Σ.	Н	>	œ	(C)	O	×	O	O2
2	بب	<u>></u>	<u>×</u>	2	۵	>	۵.		z	Σ	H	>	வ	ங	ย	IJ	U	Æ
Z	H	Η	×	×	Ω	H	Ø		Z	Σ	H	>	ন	EI.	U	ပ	U	ß
z	>	>	ᄓ	×	>	×	<u>م</u>		Z	Σ	H	>	曰	တ	ບ	Ħ	ပ	æ
••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••
									田									
×	>	>	Н	×	Z	×	Ø		Ω	Σ	>	>	曰	ဗ	ບ	ບ	ບ	~
Z	>	Н	ы	×	×	×	24		Z	Σ	>	>	×	Ø	ပ	ပ	ပ	H
H	>	>	ы	×	Z	X	Ø		មា	Σ	H	>	>	ဗ	ບ	ບ	ບ	æ
Z	>	>	ы	2	Ħ	×	田		Z	Σ	A	>	Ω	ল	ပ	Ö	ပ	œ
••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••	••
×	>	>	ı	×	z	×	a		臼	Σ	>	>	臼	ບ	ပ	Ö	ပ	24
×	>	>	u	×	Z	×	ø		ы	Σ	>	>	回	ပ	ပ	೮	ပ	24
×	>	>	ы	×	Z	×	œ		FI	Σ	>	>	曰	ပ	ບ	ပ	ບ	æ
×	>	>	h	×	z	×	ø		团	Σ	>	>	团	r	ပ	ပ	ပ	24
×	>	>	П	×	Z	×	Ø		团	Σ	>	>	曰	ပ	ပ	ග	ပ	2

Title: Osteogenic Devices Inventors: Oppermann et al. Serial No.: Not yet assigned Atty. Docket No.: STK-010C3

Atty.: Diana M. Steel

Express Mail Mailing Label No.: EV 093438159US

SHEET 25 OF 30



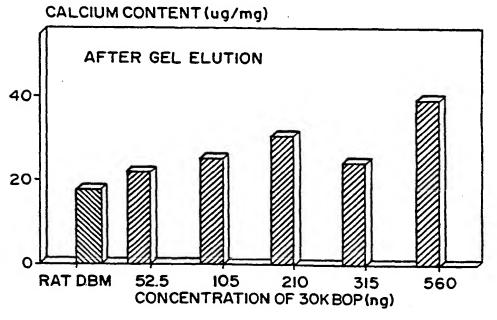


Fig. 20B

Title: Osteogenic Devices Inventors: Oppermann et al. Serial No.: Not yet assigned Atty. Docket No.: STK-010C3

Atty.: Diana M. Steel

Express Mail Mailing Label No.: EV 093438159US

SHEET 26 OF 30

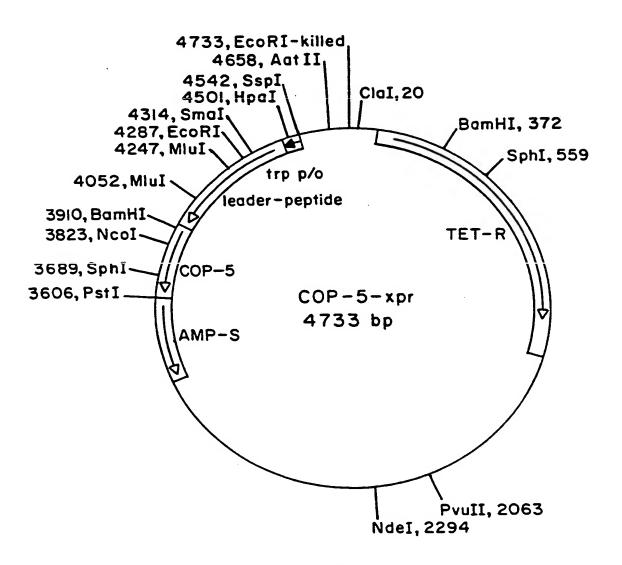


Fig. 21A

Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEFT 27 OF 30

SHEET 27 OF 30

27/30

COP-5 fusion protein

COP-5	rusion	proce.	LII				
		TTCGTAC		30 GTTCAC GS		SAGATCT	GGACTC
		GGACGT	CGTAC	80 CGACCAC D H	AAAGACC	TGTCTG	100 ATCACC D H
		ACCTGG	CTCGTA	130 ACGACCTO N D L	GGCTCGI	ATCGTT	ACTCCC
	CGTTAC	GTTGCG	ATCTGO D L	180 GAATTCA: E F I EcoRI	TGGCTGA		
		N A	F Y	230 CGAGATC' E I BglII	TTGCACC L H	TGCCGA L P	
		GTAACGG	CTTCAT	280 CCCAAAG Q S Hind	CTTGAAG L K		CCCTCT
CAGTCI Q S		CTGCTAG	CGGAT	330 CCAAGAI A K I	AACTGAA	CGATGC	GCAGGC Q A
		rcaggg@	CAATTO	380 CATGGCTO M A	GACAACA		ACAAGG
AACAGO E Q	QN	CGTTCTA A F Y	? E 1	430 CCTTGCAC L H	CCTGCCG L P		
		GCTTCA	TCCAAA I Q	480 AGCTTGAI S L I AndIII	AGGATGA	GCCCTC	TCAGTC

Fig. 21B-1

Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 28 OF 30

510	520	530	540	550
TGCGAATCTGCTAGCG				
ANLLA	DAKI		A Q A	P
NheI		1	FspI	
560		580	590	600
AGGATCCTAATGGGCT				
K D P N G L		FSD	V G W D	D
BamHI	SalI			
610	620	620	640	650
TGGATTGTGGCCCCAC				
W I V A P				
WIVAP		tuI		smI+
	.	cui	NCOI D.	J
660	670	680	690	700
CCCTTTCCCGCTAGCG				
PFPLA	D H F		H A V	
NheI			DraIII	
		1	P <u>flMI</u>	
710			740	750
AGACCCTGGTGAACTC				
Q T L V N S	V N S			V
		MSTI	[
760	770	780	790	800
CCCACCGAGCTGTCCG				
PTELS		L Y L	DENI	E K
	SphI			
810	820	830	840	850
GGTGGTGCTGAAGAAC!			-	
V V L K N		M V V E		
	PflMI			•
•				
860				
GCTAACTGCAG				
R *				
PstI				

Fig. 21B-2

Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 29 OF 30

29/30

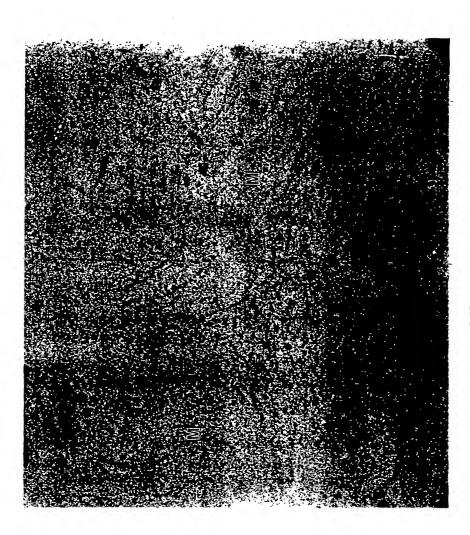


Fig. 22A

Title: Osteogenic Devices
Inventors: Oppermann et al.
Serial No.: Not yet assigned
Atty. Docket No.: STK-010C3
Atty.: Diana M. Steel
Express Mail Mailing Label No.: EV 093438159US
SHEET 30 OF 30

